

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:

Byoung-in LEE et al.

Application No.: Unassigned

Group Art Unit: Unassigned

Filed: August 4, 2003

Examiner: Unassigned

For: DEFROSTER AND REFRIGERATOR EMPLOYING THE SAME

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure provisions of 37 CFR § 1.56, there is hereby provided certain information which the Examiner may consider material to the examination of the subject U.S. patent application. It is requested that the Examiner make this information of record if it is deemed material to the examination of the subject application.

1. Enclosures accompanying this Information Disclosure Statement are:
  - 1a. ☒ Form PTO-1449.
  - 1b. ☒ Copies of IDS citations.
  - 1c. ☐ An English language copy of search report(s) from a counterpart foreign application or a PCT International Search Report.
  - 1d. ☒ English language Abstracts attached to some of the non-English publications.
  - 1e. ☒ Explanations of Relevancy of References (ATTACHMENT 1(e), hereto) for providing a concise explanation of each non-English publication.

2. ☒ In accordance with 37 CFR § 1.98, a concise explanation of what is presently understood to be the relevance of each non-English language publication is

(Check appropriate Items 2a, 2b, 2c and/or 2d)

- 2a. ☐ satisfied because all non-English language publications were cited on the enclosed "English-language version of the search report or action which indicates the degree of relevance found by the foreign office". (See MPEP 609, Minimum Requirements for an Information Disclosure Statement, Part A(3): Concise Explanation of Relevance, pp. 600-100 to 600-101, Rev. 1, Feb. 2000.)
- 2b. ☐ set forth in the application.

- 2c. ☒ satisfied because English language Abstracts are attached to some of the non-English publications.
- 2d. ☒ enclosed as Attachment 1(e), hereto.
3. No admission is made that the information cited in this Statement is, or is considered to be, material to patentability nor a representation that a search has been made (other than search report(s) from a counterpart foreign application or a PCT International Search Report, if submitted herewith). 37 CFR §§ 1.97(g) and (h).

Respectfully submitted,

STAAS & HALSEY LLP

By: 

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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  <b>LIST OF REFERENCES CITED BY APPLICANT</b>  <i>(Use several sheets if necessary)</i>	ATTORNEY DOCKET NO. 1572.1105	APPLICATION NO. Unassigned
	FIRST NAMED INVENTOR Byoung-in LEE et al.	
	FILING DATE August 4, 2003	GROUP ART UNIT Unassigned

### U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA	5,941,085	8/24/99	JEON			
	AB						

### FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO	
	AC	4-302981	10/26/92	JAPAN			Abstract	
	AD	2000-304415	11/02/00	JAPAN			Abstract	
	AE	8-193771	07/30/96	JAPAN			Abstract	
	AF	11-173711	07/02/99	JAPAN			Abstract	
	AG	11-23135	01/26/99	JAPAN			Abstract	
	AH	2001-12843	01/19/01	JAPAN				X
	AI	1999-005704	01/25/99	KOREA				X
	AJ	10-0189625	01/18/99	KOREA				X
	AK	10-0208886	04/19/99	KOREA				X
	AL	10-0216955	06/02/99	KOREA				X

### OTHER REFERENCES (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

	AM	
	AN	
	AO	

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

**ATTACHMENT 1(e)**

<b>EXPLANATIONS OF RELEVANCY OF REFERENCES</b>	ATTORNEY DOCKET NO. 1572.1105	APPLICATION NO. Unassigned
	FIRST NAMED INVENTOR Byoung-in LEE et al.	
	FILING DATE August 4, 2003	GROUP ART UNIT Unassigned

1. 2001-12843 Generally relates to "DEFROSTER AND REFRIGERATOR EMPLOYING THE SAME."
2. 1999-005704 Generally relates to "DEFROSTER AND REFRIGERATOR EMPLOYING THE SAME."
3. 10-0189625 Generally relates to "DEFROSTER AND REFRIGERATOR EMPLOYING THE SAME."
4. 10-0208886 Generally relates to "DEFROSTER AND REFRIGERATOR EMPLOYING THE SAME."
5. 10-0216955 Generally relates to "DEFROSTER AND REFRIGERATOR EMPLOYING THE SAME."